

EXHIBIT 21

Note: A new version of this document applies to all proposals submitted or due on or after January 30, 2023. [Learn more about the PAPPG](#)



National Science Foundation
WHERE DISCOVERIES BEGIN

Proposal & Award Policies & Procedures Guide

NSF 19-1 February 25, 2019

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Categories of Proposers

PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR (PI/PD) means the individual(s) designated by the proposer, and approved by NSF, who will be responsible for the scientific or technical direction of the project. NSF does not infer any distinction in scientific stature among multiple PIs, whether referred to as PI or co-PI. If more than one, the first one listed will serve as the contact PI, with whom all communications between NSF program officials and the project relating to the scientific, technical, and budgetary aspects of the project should take place. The PI and any identified co-PIs, however, will be jointly responsible for submission of the requisite project reports. The term "Principal Investigator" generally is used in research projects, while the term "Project Director" generally is used in centers, large facilities, and other projects. For purposes of this Guide, PI/co-PI is interchangeable with PD/co-PD.

2. NSF-Grantee Relationships

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[END OF PROVISION]

Source: National Science Foundation. 2004. Chapter IV – Grant Administration Highlights. NSF 04-23 September 2004. Source: https://www.nsf.gov/pubs/gpg/nsf04_23/6.jsp

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⁴³ Detailed instructions on submission of a grant transfer request are available electronically on the FastLane Website. [Back to Text](#)

⁴⁴ NSF Grant Conditions are available electronically at https://www.nsf.gov/home/grants/grants_gac.jsp. [Back to Text](#)